

Converting Colors

CIELCh(43, 11.107, 212.456)

Have a look what the booklet for
CIELCh(43, 11.107, 212.456)
contains.

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Color

CIELCh(43, 11.376, 210.461)

Conversions

Conversions Part 1

Format	Color
Hex	4D6B6F
RGB	77, 107, 111
RGB Percent	30%, 42%, 44%
CMY	0.6992, 0.5816, 0.5659
CMYK	0.31, 0.04, 0.00, 0.57
HSL	187°, 18%, 37%
HSV	187°, 31%, 43%
XYZ	11.1145, 13.1578, 16.9040
YIQ	98.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

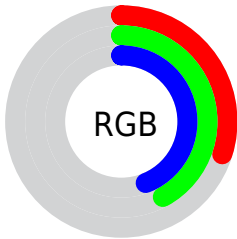
Format	Color
RYB	77, 93, 111
Decimal	5073775
CIELab	43.00, -9.81, -5.77
CIELCh	43, 11.376, 210.461
Yxy	13.1578, 0.2699, 0.3195
Android (android.graphics.Color)	4283263855 (0xFF4D6B6F)
YUV	98.4860, 6.1694, -18.8432
Hunter-Lab	36.2736, -8.7853, -2.2384

Details

The CIELCh color **43, 11.376, 210.461** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 13.979, 31.338**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 11.353, 212.836**, and **23, 11.526, 207.603** is the 20% darker color. If you saturate the color by 10%, you get **42, 14.487, 210.700**, and if you desaturate by 10%, it is **44, 7.934, 210.357**.

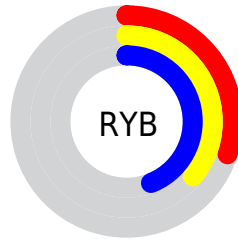
Distribution



Red (30%)

Green (42%)

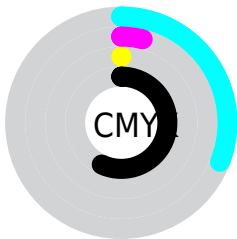
Blue (44%)



Red (30%)

Yellow (36%)

Blue (44%)

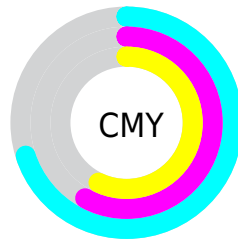


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (70%)


Magenta (58%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 11.376, 210.461 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 11.376, 210.461 by changing the saturation by 10% instead.


 43, 11.376,
210.461


 43, 11.376,
210.461


 100, 11.376,
210.461


 33, 11.376,
210.461

 63, 11.376,
210.461


 23, 11.376,
210.461

 73, 11.376,
210.461

 13, 11.376,
210.461

 83, 11.376,
210.461

 3, 11.376, 210.461

 93, 11.376,
210.461

 0, 11.376, 210.461

 43, 11.376,

 43, 11.376,

210.461

■ 42, 14.487,
210.700

■ 41, 17.208,
211.113

■ 40, 19.488,
211.730

■ 39, 21.286,
212.589

■ 39, 22.582,
213.731

■ 38, 23.388,
215.198

■ 38, 23.926,
216.694

210.461

■ 44, 7.934, 210.357

■ 45, 4.219, 210.394

■ 47, 0.286, 211.655

■ 48, 3.817, 30.451

■ 49, 8.045, 30.707

■ 51, 12.364, 30.969

■ 52, 16.745, 31.252

■ 54, 21.162, 31.552

■ 56, 25.598, 31.865

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 11.376, 210.461



37, 13.979, 31.338

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 11.376, 210.461



43, 11.376, 260.461



43, 11.376, 30.461



43, 11.376, 80.461

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 11.376, 210.457



58, 4.386, 210.414



43, 22.911, 145.685



29, 3.018, 210.398



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 11.376, 210.457



54, 16.418, 210.617



38, 13.610, 271.473



23, 2.250, 210.418



41, 25.306, 216.894



80, 43.058, 218.233

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37, 22.929, 329.527



46, 33.907, 329.941



42, 13.966, 83.123



22, 4.227, 328.281



27, 60.505, 333.325



57, 102.815, 333.655

Previews

White Background



This preview shows how the CIELCh color 43, 11.376, 210.461 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 11.376, 210.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

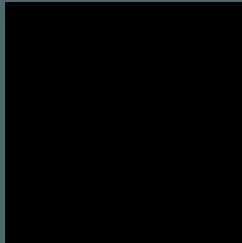
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 11.376, 210.461

Background



This preview shows how black text looks on a background with the CIELCh color 43, 11.376, 210.461.



This preview shows how white text looks on a background with the CIELCh color 43, 11.376, 210.461.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
43, 11.376, 210.461

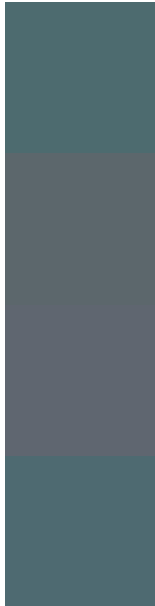
Protanopia
43, 3.615, 290.714

Deuteranopia
43, 8.358, 310.870



Tritanopia
43, 11.458, 226.761

Trichromacy



Original Color
43, 11.376, 210.461

Protanomaly
43, 5.219, 234.357

Deuteranomaly
43, 6.551, 266.362

Tritanomaly
43, 11.074, 220.823

Monochromacy



Original Color
43, 11.376, 210.461

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.541, 214.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 11.376, 210.461 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(77, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(77, 107, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(77, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 107, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 11.376, 210.461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 107, 111) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(77, 107, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(77, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(77, 107,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 11.376, 210.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 107, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(77, 107,  
111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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